



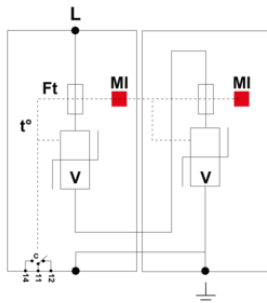
Type 2 AC surge protector - 2-pole - pluggable

CITEL

DS41S-1000



- Type 2 AC surge protector
- In: 20 kA
- Imax total: 40 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5 certified



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics		
Network		400/690 V
Nominal line voltage	Un	690 Vac
Max. AC operating voltage	Uc	1100 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	1400 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	1840 Vac disconnection
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	40 kA
Connection mode(s)		L/N or N/PE
Protection mode(s)		Common Mode or Differential Mode
Protection level <i>@ In (8/20 μs)</i>	Up	5 kV
Admissible short-circuit current	Iscsr	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		2-poles
Connection to Network		By screw terminals: 2.5-25mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM40-1000
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A
Standards		
Standards compliance		EN 61643-11 / IEC 61643-11
Certification		UL Recognized
Part number		
462921		

